



RadioShack®

www.radioshack.comSM

7-Channel Portable SAME Weatheradio®

with Alert



Owner's Manual

Please read before using this equipment.

Contents

Features	5
How Your Radio Works	6
Weather Alerts	7
New Alert Types	8
Understanding FIPS Codes	8
Obtaining Your Area's FIPS Code(s)	9
Preparation	11
Installing Batteries	11
Using the Antenna	12
Programming	13
Missed Alert Reminder Beep	17
Enabling/Disabling the Alert Tone	18
Testing the Weatheradio	20
Manually Testing the Alert Tone	21
Using the Weatheradio's 'All Signals' Code ...	22
Operation	23
The Display Backlight	23
Listening to Broadcasts	24
Using the Alert Function	24
When a Weather Alert Occurs	25

© 1999, 2000 RadioShack Corporation.
All Rights Reserved.

Weatheradio is a registered trademark used by RadioShack Corporation.

Reviewing Overlapping Alerts	26
When a Test or Demo Alert Occurs	26
Alert Descriptions	28
Troubleshooting	32
Care	34
Specifications	35

FCC Information

This device complies with Part 15 of the *FCC Rules*. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Product:	7 Channel SAME Weatheradio with Alert
Model:	12-254
Responsible Party:	RadioShack 100 Throckmorton Fort Worth, TX 76102
Phone:	817-415-3200



This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the *FCC Rules*.

These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

THE FCC WANTS YOU TO KNOW

Your Weatheradio might cause TV or radio interference even when it is operating properly. To determine whether your Weatheradio is causing the interference, turn off your Weatheradio. If the interference goes away, your Weatheradio is causing it. Try to eliminate the interference by moving your Weatheradio away from the TV or other radio.

Features

Your RadioShack Weatheradio represents the latest generation of weather alert technology. Your Weatheradio uses SAME (Specific Area Message Encoding) circuitry to provide more complete information about weather conditions in your immediate area, letting you avoid hearing alerts for geographical areas that do not affect you.

SAME Operation — lets you program up to 15 different FIPS (Federal Information Processing System) codes into the Weatheradio's memory so your Weatheradio sounds an alert only when a weather emergency is declared in those locations.

Display Backlight — makes the display easy to read in low light situations.

Missed Alert Reminder Beep — assures you that you do not miss an important weather alert by continuing to sound a chirp tone until the alert time expires.

How Your Radio Works

Traditional weather radios simply receive the National Oceanic and Atmospheric Administration (NOAA) weather broadcast (usually within a 50-mile radius) then sound an alarm if an emergency code was transmitted along with the broadcast. This means that people who live outside an affected area are often alerted even when their area is not affected, causing many of them to ignore potentially real weather warnings that can save lives.

In 1994, NOAA began broadcasting coded signals called FIPS (Federal Information Processing System) codes along with their standard weather broadcasts from stations in your area. These codes identify the type of emergency and the specific geographic area (such as a county) affected by the emergency. Your Weatheradio receives, interprets, and displays information about the codes so you can determine if the emergency might affect your area. **Only SAME compatible weather radios (such as this Weatheradio) are able to take advantage of this new technology.**

Each FIPS code identifies a specific geographic area (defined by the National Weather Service), so your

Weatheradio sounds an alert only when a weather emergency is declared in that area. This helps you more efficiently track the weather conditions in and around your area.

WEATHER ALERTS

When the Weatheradio receives a weather alert:

- it sounds an alert beep
- it displays a description of the alert and the alert duration

Note: If the Weatheradio receives more than one weather alert at the same time, it displays information for each alert in sequence.

The alert descriptions your Weatheradio can display are based on a list of specific weather alert types published by the NWS. For a list of all the alert descriptions that your Weatheradio can display, see “Alert Descriptions” on Page 28.

Warning: The NWS uses sophisticated weather models to determine an alert's effective time. However, the end of an alert does not necessarily mean that the related weather emergency is over.

New Alert Types

Your Weatheradio is designed to recognize all common weather alert types currently used by the NWS. However, the NWS occasionally creates and broadcasts new alert types (for which the Weatheradio's memory does not contain a specific, corresponding description). If your Weatheradio receives a signal for a new alert type, it is preset (if the alert function is turned on) to display **UNKNOWN**, the alert description, (**EMERGENC**, **STATEMNT**, **WARNING**, or **WATCH**), and **TUNE TV**, then sound a beeping alert.

UNDERSTANDING FIPS CODES

For the purpose of broadcasting weather information, the NWS has divided the United States into regions by state and county (or parish, where applicable) then assigned a 6-digit FIPS code to identify each county or parish. For example, the code for Tarrant County, Texas, is 048439.

The first digit in a FIPS code identifies the county subdivision, the next two digits identify the state, and the last three digits identify the county or parish.

Note: Most FIPS codes begin with 0, which means the code represents an entire county. The NWS, how-

ever, plans to eventually subdivide some large counties. When that happens, each subdivision will be assigned a digit from 1–9, resulting in codes such as 148439, 248439, and so on.

Your Weatheradio can receive all SAME alert signals broadcast within about a 50-mile radius of where you installed it. To receive SAME alerts and broadcasts about weather occurring only in particular counties within that area, you can program up to 15 FIPS codes into the Weatheradio's memory. For example, this lets you avoid hearing an alert that applies to an area within a 50-mile radius but not necessarily to your county or parish.

Obtaining Your Area's FIPS Code(s)

To obtain the FIPS code for the location where you installed your Weatheradio, contact your local RadioShack store or call the NWS toll free at **1-888-NWR-SAME** (1-888-697-7263). If you call the NWS, follow the instructions you hear.

You can also obtain a state/county list of all FIPS codes by visiting the NWS website:

*[www.nws.noaa.gov/nwr/
indexnw.htm#sametable](http://www.nws.noaa.gov/nwr/indexnw.htm#sametable)*

Note: If you are close to a county or parish line, you might want to obtain the codes for the nearby counties or parishes.

Hint: Since you can program up to 15 FIPS codes into the Weatheradio's memory, you might want to obtain the codes for other local areas that you frequently travel through (as long as those areas are within a 50 mile radius of your location and within an area covered by your local NWS broadcast station). That way, you can program those codes into the Weatheradio and receive broadcasts covering those locations, too.

Preparation

INSTALLING BATTERIES

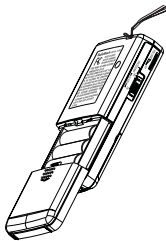
Your radio uses three AA batteries for power. For the best performance and longest life, we recommend RadioShack alkaline batteries.

Warning: Dispose of old batteries promptly and properly; do not bury or burn them.

Cautions:

- Use only fresh batteries of the required size and recommended type.
- Do not use rechargeable batteries in your Weatheradio.
- Never leave weak or dead batteries in the radio. They can leak chemicals that can damage the radio.
- If you do not plan to use your radio for several weeks, remove the batteries.

1. Turn off the radio by rotating **VOLUME** counterclockwise until it clicks.
2. Remove the battery compartment cover by sliding it off in the direction of the arrow.
3. Install three AA batteries as indicated by the polarity symbols (+ and -) marked inside the compartment.
4. Replace the cover.



When **REPLACE** then **BATTERY** appears, the display dims, or **BATT LOW** appears when you turn on the radio, replace the batteries.

USING THE ANTENNA

For the best reception at all times, fully extend the radio's built in antenna and keep it vertical.

Programming

The first time you use your Weatheradio, it is preset to use NOAA weather broadcast frequency 162.400 MHz (Channel 1), and to receive all SAME alert signals broadcast within a 50-mile radius.

Your Weatheradio is programmed with the seven NOAA broadcast frequencies (Channels 1–7). Depending on your location, you might need to select a different channel.

Follow these steps to select a NOAA weather frequency, set the Alert Pattern, and enter FIPS codes in the Weatheradio's memory.

Notes:

- The Weatheradio will not receive a warning signal while it is in the programming mode.
- If you do not press a key for 45 seconds, the Weatheradio stores all valid entries and exits the programming mode. Set the **PROGRAM/ALERT** switch to **ALERT OFF** or **ALERT ON** and then to **PROGRAM**, and begin again.

- The Weatheradio sounds an error tone if you make an invalid entry.
1. Turn on the Weatheradio by rotating **VOLUME** clockwise until it clicks.
 2. Set **PROGRAM/ALERT** to **PROGRAM**. The preset weather channel number flashes on the display. (If this frequency is correct for your area and you hear the weather broadcast automatically, you can skip to Step 5.)
 3. Lift the front panel cover using the slotted indent on either side.
 4. Press a number key (1–7) to select the corresponding numbered channel broadcasting in your area. The Weatheradio displays the selected channel.

Notes:

- If you receive a NOAA broadcast on more than one channel, the one with the best reception *might not* be the one broadcasting information for your location. Contact your local RadioShack store or the NWS to find out which frequency NOAA is using to broadcast

from the station nearest your location, then select that channel.

5. Press **YES** to confirm the selected channel. The Weatheradio beeps and **TONE** appears.
6. Press **YES** to select **TONE** mode. To select Voice mode, press **NO**. **VOICE** appears.

In Tone mode, when NOAA broadcasts an alert, the Weatheradio sounds an alert tone for about 5 minutes and displays the alert description until the alert expires.

In Voice mode, when NOAA broadcasts an alert, the Weatheradio sounds an alert tone for about 8 seconds and displays the alert description. When the alert tone stops, you hear the NOAA weather broadcast for up to 5 minutes, then the Weatheradio returns to standby.

If you enabled the Missed Alert Reminder Beep, the tone sounds every 10 seconds once the broadcast ends until either the alert time expires, you press any key, or move **PROGRAM/ALERT**. See “Manually Testing the Alert Tone” on Page 21.

7. Press **YES** twice to confirm your choice. **ALL LOC** appears.

Select one of three FIPS code modes:

- **ALL LOC:** The Weatheradio receives all SAME alert signals broadcast within about a 50-mile radius.
 - **SINGLE:** The Weatheradio receives a SAME alert signal for one FIPS code programmed in memory Location 1.
 - **MULTIPLE:** The Weatheradio receives SAME alert signals for up to 15 FIPS codes programmed in multiple locations in the radio's memory.
8. To select **ALL LOC**, press **YES**. Otherwise, repeatedly press **NO** until the desired setting appears, then press **YES**.
9. If you chose **SINGLE** mode, **LOC 1** then **000000** appears.

Use the numbers on the keypad to enter a FIPS code (such as **048439**). The display flashes and the numbers appear as they are entered. Then press **YES** to confirm the entry.

10. If you chose **MULTIPLE** mode, **LOC 1** appears, alternating with **000000**.

Enter a FIPS code (such as **048439**). If you make a mistake, press **NO** and enter the correct number. Otherwise, press **YES** to confirm the entry. **LOC 2** then **000000** appears.

Repeat this step to enter up to 15 FIPS codes in memory.

11. After you press **YES** to confirm the last FIPS code entry, set **PROGRAM/ALERT** to **ALERT ON** or **ALERT OFF**. The Weatheradio stores all valid entries and exits the programming mode. Then **WEATHER** and the corresponding alert status (**ALRT OFF** or **ALRT ON**) appears.

MISSED ALERT REMINDER BEEP

This feature reminds you that you missed a weather alert. To change or set the reminder beep, follow these steps.

1. Set **PROGRAM/ALERT** to **PROGRAM**.
2. Press **YES** once. **TONE** appears.
3. Press **YES** again to cancel the reminder beep.

4. Press **NO** to keep the reminder beep on.

5. Press **YES** to store your selection.

Note: The reminder beep only operates once the broadcast has ended.

ENABLING/DISABLING THE ALERT TONE

You can turn the alert tone on or off for certain weather alert types. For example, you can turn off the alert tone for a volcano warning if you do not live near a volcano.

Notes:

- The Weatheradio still detects and displays information about alerts even after you disable the tone for those alerts.
- If you set the Weatheradio so it turns itself on when it receives a specific warning, disabling the alert tone for that warning means that the Weatheradio will not turn itself on when it receives that warning.

You can set the Weatheradio so it does not sound an alert tone during *only* the following types of alerts:

Avalanche Warning	Avalanche Watch
Blizzard Warning	Coastal Flood Warning
Coastal Flood Watch	Flash Flood Statement
Flash Flood Warning	Flash Flood Watch
Flood Statement	Flood Warning
Flood Watch	High Wind Warning
High Wind Watch	Hurricane Statement
Hurricane Watch	Practice/Demo
Required Monthly Test	Severe Thunderstorm Watch
Severe Weather Statement	Special Marine Warning
Special Weather Statement	Test Message
Volcano Warning	Volcano Watch
Winter Storm Warning	Winter Storm Watch
Unknown Statement	

1. Set **PROGRAM/ALERT** to **PROGRAM**.
2. Repeatedly press **YES** until the first alert type, ***AVALANCHE WARNING***, appears.
3. Press **NO** to disable that alert type's tone, or press **YES** to enable the alert tone. The next weather alert type appears.

4. If desired, repeat Step 3 for all 27 alert types.
5. **SELECT** then **CHECK** appears after you set the last alert type. Press **YES** to review the alert tone status for all 27 alert types, or press **NO** to store all the settings without verification.
6. The Weatheradio returns to Weather channel selection.
7. Set **PROGRAM/ALERT** to **ALERT ON** or **ALERT OFF**.

TESTING THE WEATHERADIO

For your Weatheradio to be effective, you must place it where it can receive an emergency alert broadcast and where you can hear its alert tone.

In the United States, the NWS broadcasts a test alert every week on Wednesday between 11 AM and 1 PM. To find out the specific test schedule in your area, contact your local NOAA or NWS office. These offices are usually listed in the telephone book under *US Government, Department of Commerce*.

Important: The fact that you get clear reception of a weather broadcast signal does *not* guarantee that an emergency alert broadcast will trigger your Weathera-

dio's alert function. Be sure you choose the proper location for the Weatheradio and regularly check the Weatheradio to be sure it is operating properly.

Manually Testing the Alert Tone

Notes:

- To make sure your Weatheradio sounds the alert tone when it receives an emergency signal, always keep the built-in antenna fully extended.
- Testing the alert tone only ensures that the Weatheradio's alert tone can be heard. It does not test the Weatheradio's receiver or guarantee you will receive an emergency alert.
- If the Weatheradio does not sound an alert tone, it is either out of range of the broadcast or its batteries are weak.
- An emergency alert broadcast might not trigger your Weatheradio's alert tone, even if it receives voice transmissions clearly or if the alert tone sounds when you manually test it. If you are in a fringe area, your Weatheradio might also be triggered by a broadcast when it is placed in one area, but not be triggered if you place it somewhere else (even close by).

1. Turn off the Weatheradio.
2. Hold down **WEATHER** and turn **VOLUME** clockwise to turn on the Weatheradio. **TESTMODE** appears.
3. Press the number keys (1–7) to verify the programmed NOAA weather frequencies.
4. Press **8** to test the Weatheradio's alert beep. **BEEP ON** appears. Press **8** again to stop the alert. **BEEP OFF** appears

Important: The next step erases any FIPS codes or weather channels you programmed.

5. To erase the Weatheradio's memory and restore the factory settings, press **9**.
6. Press **WEATHER** to see all the display elements.
7. To exit Test Mode, turn off the Weatheradio.

USING THE WEATHERADIO'S 'ALL SIGNALS' CODE

This Weatheradio is preset to the **ALL LOC** (all signals) mode (see Page 16), which lets it receive all SAME broadcasts within a 50-mile radius.

The first time you program the Weatheradio, you replace the ***ALL LOC*** mode with a specific NWS FIPS code. To reset the Weatheradio to use the ***ALL LOC*** mode again, follow Steps 1–7 in “Programming” on Page 13.

Operation

1. To turn on the Weatheradio, turn **VOLUME** clockwise until it clicks.
2. Set **PROGRAM/ALERT** to **ALERT ON**. ***WEATHER*** then ***ALRT ON*** appears.
3. To turn off the Weatheradio, turn **VOLUME** counterclockwise until it clicks.

THE DISPLAY BACKLIGHT

The display backlight activates for 10 seconds when:

- you press any key
- you slide **PROGRAM/OPERATION**
- the radio receives an alert
- you hold down **WEATHER** for 1 second

LISTENING TO BROADCASTS

1. Set **PROGRAM/ALERT** to **ALERT ON** or **ALERT OFF**.
2. Press **WEATHER** then adjust **VOLUME** as desired.
3. To turn off the weather broadcast, press **WEATHER** again.

USING THE ALERT FUNCTION

Set **PROGRAM/ALERT** to **ALERT ON** to set the Weatheradio to sound an alert when the NWS broadcasts a weather warning, watch, or statement for the FIPS code(s) stored in the Weatheradio's memory. **WEATHER** then **ALRT ON** appears and the radio beeps.

Notes:

- If you programmed more than one FIPS code into memory, be sure the Weatheradio is set to Multiple Mode. Otherwise, the Weatheradio will only receive broadcasts for the FIPS code you stored in the first memory location.
- If severe weather threatens, do not wait for an alert tone; turn on the weather broadcast and monitor the weather information.

To set the Weatheradio so it does not sound an alert, set **PROGRAM/ALERT** to **ALERT OFF**. The Weatheradio beeps twice and **WEATHER** then **ALRT OFF** appears.

When a Weather Alert Occurs

If you selected the **VOICE** pattern (see Page 15) the Weatheradio sounds an alert for about 8 seconds, then automatically turns on the weather (voice) broadcast for 5 minutes. Then it returns to standby mode. It also displays the alert description and duration until the alert's effective time expires.

For example, **SEVERE THUNDER WATCH**, alternates with **3H00M**, meaning this alert's duration is 3 hours and 0 minutes. The duration counts down each minute until the alert expires.

To turn off the alert sooner, press **WEATHER**. The broadcast turns on.

If you selected the **TONE** pattern, the Weatheradio sounds an alert for 5 minutes and displays the alert description for the alert's effective time. To turn off the alert sooner, press **WEATHER**.

Warning: The NWS uses sophisticated weather models to determine an alert's effective time. However, if a storm front (for example) moves through an area at

a slower speed than initially predicted, the storm-related activity might continue after the alert ends. The end of an alert does not necessarily mean that the related weather emergency is over.

Reviewing Overlapping Alerts

Your Weatheradio can store up to three different alerts (with overlapping effective times) in its memory. If the Weatheradio receives a new alert while a previous alert is still in effect, it automatically displays the alert description and sounds the new alert.

For example a multiple alert might appear as follows:

***FLOOD WATCH 3H00M
3 EVENTS***

To review the Weatheradio's memory and review all effective alerts, press **NO** to scroll forward or **YES** to scroll backward. If you do not press a button for 10 seconds, the most recent alert message appears.

When a Test or Demo Alert Occurs

The NWS sends out daily and weekly test signals you can use to confirm that your Weatheradio is working properly. To find out the specific test schedule in your area, contact your local NOAA or NWS office. See “Enabling/Disabling the Alert Tone” on Page 18 for more information. When the Weatheradio’s alert function is turned on and the Weatheradio receives a test broadcast for a FIPS code you programmed into its memory, it responds in one of these ways:

Alert Type	You see	You hear
Demo message	<i>DEMO MESSAGE</i>	No Sound
Weekly SAME tests	<i>WEEKLY TEST</i>	Beep
Monthly SAME test	<i>MONTHLY TEST</i>	Beep

Alert Descriptions

Your Weatheradio can display these NWS weather alert descriptions (shown in alphabetical order).

Weather/ Alert	You see
Avalanche warning	<i>AVALANCH WARNING</i>
Avalanche watch	<i>AVALANCH WATCH</i>
Civil danger warning	<i>CIVIL DANGER WARNING</i>
Blizzard warning	<i>BLIZZARD WARNING</i>
Civil danger watch	<i>CIVIL DANGER WATCH</i>
Civil emergency — turn on the TV for information or, if no information is available on TV, call your local NWS office	<i>TUNE TV</i>
Coastal flood warning	<i>COASTAL FLOOD WARNING</i>
Coastal flood watch	<i>COASTAL FLOOD WATCH</i>
Emergency action warning	<i>EMERGENC ACTION WARNING</i>
Emergency action termination	<i>EMERGENC ACTION TERMINAT</i>

Weather/ Alert	You see
Evacuate immediately	<i>EVACUATE IMMEDIAT</i>
Fire warning	<i>FIRE WARNING</i>
Flash flood statement	<i>FLASH FLOOD</i>
Flash flood warning	<i>FLASH FLOOD WARNING</i>
Flash flood watch	<i>FLASH FLOOD WATCH</i>
Flood statement	<i>FLOOD</i>
Flood warning	<i>FLOOD WARNING</i>
Flood watch	<i>FLOOD WATCH</i>
Hazardous material watch	<i>HAZARD MATERIAL WATCH</i>
High wind warning	<i>HIGH WIND WARNING</i>
High wind watch	<i>HIGH WIND WATCH</i>
Hurricane warning	<i>HURRICAN WARNING</i>
Hurricane statement	<i>HURRICAN</i>
Hurricane watch	<i>HURRICAN WATCH</i>
Immediate evacuation warning	<i>IMMEDIAT EVACUATE WARNING</i>
Law enforcement warning	<i>LAW ENFORCE WARNING</i>

Weather/ Alert	You see
Local area emergency	<i>LOCAL AREA EMERGENCY</i>
National information center	<i>NATIONAL INFO CENTER</i>
Periodic national test	<i>NATIONAL PERIODIC TEST</i>
Practice/Demo	<i>DEMO MESSAGE</i>
Radiological hazard warning	<i>RADIOLOG HAZARD WARNING</i>
Radiological hazard watch	<i>RADIOLOG HAZARD WATCH</i>
Required monthly test	<i>MONTHLY TEST</i>
Required weekly test	<i>WEEKLY TEST</i>
Severe thunderstorm watch	<i>SEVERE THUNDER WATCH</i>
Severe weather statement	<i>SEVERE WEATHER</i>
Shelter in-place warning	<i>SHELTER IN-PLACE WARNING</i>
Special Marine warning	<i>SPECIAL MARINE WARNING</i>
Special weather statement	<i>SPECIAL WEATHER</i>
Test message	<i>TEST MESSAGE</i>
Tornado warning	<i>TORNADO WARNING</i>
Tornado watch	<i>TORNADO WATCH</i>

Weather/ Alert	You see
Tsunami warning	<i>TSUNAMI WARNING</i>
Tsunami watch	<i>TSUNAMI WATCH</i>
Unrecognized code ending in S	<i>UNKNOWN STATEMENT TUNE TV</i>
Volcano warning	<i>VOLCANO WARNING</i>
Volcano watch	<i>VOLCANO WATCH</i>
Winter storm warning	<i>WINTER STORM WARNING</i>

Troubleshooting

If your Weatheradio is not working as it should, these suggestions might help you eliminate the problem.

Problem(s)	Suggestion(s)
No power.	Make sure the batteries are fresh and installed properly. See “Installing Batteries” on Page 11.
No sound.	Adjust VOLUME .
Multiple FIPS codes are stored, but the Weatheradio only responds to weather alert broadcasts for one code.	Make sure the Weatheradio is set to its multiple mode (see “Programming” on Page 13.)
One or more FIPS codes are stored in memory, but the radio responds to weather alert broadcasts for areas <i>not</i> covered by those codes.	Make sure the radio is not in ‘ ALL LOC ’ mode. See Step 7 under “Programming” on Page 13.

Problem(s)	Suggestion(s)
No weather broadcast when you press WEATHER .	Make sure the telescoping antenna is fully extended.
	Make sure the Weatheradio is set to the NOAA channel that is being broadcast in your area. See "Programming" on Page 13.
The radio is not responding properly to NWS weather alert broadcasts.	Make sure you programmed the correct FIPS code(s) into the Weatheradio's memory. See "Programming" on Page 13.
	Make sure <i>WEATHER ALERT ON</i> appears. See "Using the Alert Function" on Page 24.
	Make sure the Weatheradio is set to receive new alert types. See "Manually Testing the Alert Tone" on Page 21.

CARE

Keep the Weatheradio dry. Use and store the Weatheradio only in normal temperature environments. Handle the Weatheradio carefully. Keep the Weatheradio away from dust and dirt, and wipe it with a damp cloth occasionally to keep it looking new.

Modifying or tampering with the Weatheradio's internal components can cause a malfunction and might invalidate its warranty and void your FCC authorization to operate it. If your Weatheradio is not performing as it should, take it to your local RadioShack store for assistance. If the trouble is affecting the telephone lines, the phone company can ask you to disconnect your Weatheradio until you have resolved the problem.

Specifications

Frequency Coverage (MHz):

Channel 1	162.400
Channel 2	162.425
Channel 3	162.450
Channel 4	162.475
Channel 5	162.500
Channel 6	162.525
Channel 7	162.550
Receiving Sensitivity (at 12 dB SINAD)	0.3 μ V
Audio output	150mW
Power requirements	3 AA Batteries
Dimensions (HWD)	2.7 \times 4.8 \times 1 in (6.8 \times 12.2 \times 2.5 cm)
Weight (without batteries).....	4.9 oz (138.9 g)

Specifications are typical; individual units might vary. Specifications are subject to change and improvement without notice.

Limited Ninety-Day Warranty

This product is warranted by RadioShack against manufacturing defects in material and workmanship under normal use for ninety (90) days from the date of purchase from RadioShack company-owned stores and authorized RadioShack franchisees and dealers. EXCEPT AS PROVIDED HEREIN, RadioShack MAKES NO EXPRESS WARRANTIES AND ANY IMPLIED WARRANTIES, INCLUDING THOSE OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED IN DURATION TO THE DURATION OF THE WRITTEN LIMITED WARRANTIES CONTAINED HEREIN. EXCEPT AS PROVIDED HEREIN, RadioShack SHALL HAVE NO LIABILITY OR RESPONSIBILITY TO CUSTOMER OR ANY OTHER PERSON OR ENTITY WITH RESPECT TO ANY LIABILITY, LOSS OR DAMAGE CAUSED DIRECTLY OR INDIRECTLY BY USE OR PERFORMANCE OF THE PRODUCT OR ARISING OUT OF ANY BREACH OF THIS WARRANTY, INCLUDING, BUT NOT LIMITED TO, ANY DAMAGES RESULTING FROM INCONVENIENCE, LOSS OF TIME, DATA, PROPERTY, REVENUE, OR PROFIT OR ANY INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES, EVEN IF RadioShack HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

Some states do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damages, so the above limitations or exclusions may not apply to you.

In the event of a product defect during the warranty period, take the product and the RadioShack sales receipt as proof of purchase date to any RadioShack store. RadioShack will, at its option, unless otherwise provided by law: (a) correct the defect by product repair without charge for parts and labor; (b) replace the product with one of the same or similar design; or (c) refund the purchase price. All replaced parts and products, and products on which a refund is made, become the property of RadioShack. New or reconditioned parts and products may be used in the performance of warranty service. Repaired or replaced parts and products are warranted for the remainder of the original warranty period. You will be charged for repair or replacement of the product made after the expiration of the warranty period.

This warranty does not cover: (a) damage or failure caused by or attributable to acts of God, abuse, accident, misuse, improper or abnormal usage, failure to follow instructions, improper installation or maintenance, alteration, lightning or other incidence of excess voltage or current; (b) any repairs other than those provided by a RadioShack Authorized Service Facility; (c) consumables such as fuses or batteries; (d) cosmetic damage; (e) transportation, shipping or insurance costs; or (f) costs of product removal, installation, set-up service adjustment or reinstallation.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

RadioShack Customer Relations, 200 Taylor Street, 6th Floor, Fort Worth, TX 76102

We Service What We Sell

12/99

RadioShack Corporation
Fort Worth, Texas 76102

12-254
811081890 B
11A00
Printed in China